

ABSTRACT

A design tool for choosing and modifying features of a dot matrix display. The design tool allows a user to design and save a character set and then to enter and view text to be displayed using the character set. The user is able to modify features of the display and to immediately see the result of any modifications made. The user may further see a representation of a hardware display having features and characteristics selected by the user, and may modify the features as desired. As the modifications are made, they are reflected in the representation of the hardware display. The design tool allows the user to store numerical representations of the selected features and characteristics of the design in order to provide the numerical representations to personnel implementing a hardware embodiment of the design.